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(GETH) GENENTECH INC.

Baker K, Chen J, Goddard A, Gurney AL, Smith V, Watanabe CK;
Wood WI, Yuan J;

WPI; 2000-072883/06.
P-PSDB; AAY66701.

Membrane-bound proteins and related nucleotide sequences

Claim 2; Fig 170; 822pp; English.

The invention provides membrane-bound PRO polypeptides and polynucleotides encoding them. The PRO sequences of the invention were identified based on extracellular domain homology screening. The PRO sequences have homology with proteins including LDL receptors, TIE ligands and various enzymes. The membrane-bound proteins and receptor molecules are useful as pharmaceutical and diagnostic agents. Receptor immunoadhesins, for instance, can be used as therapeutic agents to block receptor-ligand interactions. The membrane-bound proteins can also be employed for screening of potential peptide or small molecule inhibitors of the relevant receptor/ligand interaction. The PRO encoding sequences are useful as hybridization probes, in chromosome and gene mapping and in the generation of antisense RNA and DNA. PRO nucleic acid sequences will also be useful for the preparation of PRO polypeptides, especially by recombinant techniques.

Sequence 1076 BP; 291 A; 285 C; 255 G; 245 T; 0 other;

Query Match 100.0%; Score 1008; DB 21; Length 1076;
Best Local Similarity 100.0%; Pred. No. 1.6e-302;
Matches 1008; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 atggctgtgtcccccacatgcctcacctcatctatctcttggcagctcacagggtca 60
DB |||||||
QY 38 atggctgtgtcccccacatgcctcacctcatctatctcttggcagctcacagggtca 97
DB |||||||
QY 61 gcagcctctggacccgtgaaagagctggtggtccgttccgttgggtggccgtgactttccc 120
DB |||||||
QY 98 gcagcctctggacccgtgaaagagctggtggtccgttccgttgggtggccgtgactttccc 157
DB |||||||
QY 121 ctgaagtcacaaagtaagcaagttgactctattgtctggacctcaacacacacccctctt 180
DB |||||||
QY 158 ctgaagtcacaaagtaagcaagttgactctattgtctggacctcaacacacacccctctt 217
DB |||||||
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QY 338 gggatctactatgtgggatatacagctcatcactccagcagccctccacccaggagtag 397
DB |||||||
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DB |||||||
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DB |||||||
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RESULT 3

AAS46020

ID AAS46020 standard; cDNA; 1076 BP.

XX AAS46020;

XX 18-DEC-2001 (first entry)

XX Human DNA encoding PRO polypeptide sequence #96.

PRO polypeptide; mammal; tumour; cancer; human; cattle; horse; sheep; ss;
dog; cat; pig; goat; rabbit; tumour necrosis factor alpha; TNF-alpha;
blood; chondrocyte cell; cell proliferation; cell differentiation; colon;
adrenal; lung; breast; prostate; rectum; cervix; liver; genetic disorder;
PCR primer.

XX Homo sapiens.

XX WO200168848-A2.

XX 20-SEP-2001.

XX 28-FEB-2001; 2001WO-US06520.

PR 01-MAR-2000; 2000WO-US05601.

PR 02-MAR-2000; 2000WO-US05841.

PR 03-MAR-2000; 2000US-187202P.

PR 06-MAR-2000; 2000US-186968P.

PR 14-MAR-2000; 2000US-189320P.

PR 14-MAR-2000; 2000US-189320P.

PR 15-MAR-2000; 2000WO-US06884.

PR 21-MAR-2000; 2000US-190828P.

PR 21-MAR-2000; 2000US-191007P.

PR 21-MAR-2000; 2000US-191048P.

PR 21-MAR-2000; 2000US-191314P.

PR 28-MAR-2000; 2000US-192655P.

PR 29-MAR-2000; 2000US-193032P.

PR 29-MAR-2000; 2000US-193053P.

PR 30-MAR-2000; 2000WO-US08439.

PR 04-APR-2000; 2000US-194449P.

PR 04-APR-2000; 2000US-194647P.

PR 11-APR-2000; 2000US-195975P.

PR 11-APR-2000; 2000US-196000P.

PR 11-APR-2000; 2000US-196187P.

PR 11-APR-2000; 2000US-196690P.

PR 11-APR-2000; 2000US-196820P.

PR 18-APR-2000; 2000US-198121P.

PR 18-APR-2000; 2000US-198585P.

PR 25-APR-2000; 2000US-199397P.

PR 25-APR-2000; 2000US-199550P.

PR 25-APR-2000; 2000US-199654P.

PR 03-MAY-2000; 2000US-201516P.

PR 17-MAY-2000; 2000WO-US13705.

PR 22-MAY-2000; 2000WO-US14042.

PR 30-MAY-2000; 2000WO-US14941.

PR 02-JUN-2000; 2000WO-US15264.

PR 05-JUN-2000; 2000US-209832P.

PR 28-JUL-2000; 2000WO-US20710.

PR 22-AUG-2000; 2000US-0644848.

PR 24-AUG-2000; 2000WO-US23328.

PR 08-NOV-2000; 2000WO-US30952.

PR 01-DEC-2000; 2000WO-US32678.

PR 20-DEC-2000; 2000WO-US34956.

XX (GETH) GENENTECH INC.

XX Baker KP, Chen J, Desnoyers L, Goddard A, Godowski PJ, Gurney AL;

PI Pan J, Smith V, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2001-602746/68.

DR P-PSDB; AAU29119.